

U.S. Application No. 09/083,198

Preliminary Amendment

February 24, 1999

*Subj DC* 68. (new) A method for producing one or more taxanes in high yields in cell culture of a *Taxus* species comprising: cultivating in suspension culture, in one or more nutrient media under growth and product formation conditions, cells of a *Taxus* species derived from callus or suspension cultures, and recovering said one or more taxanes from said cells, said medium of said cell culture, or both, wherein at least one of the one or more nutrient media comprises a compound selected from the group consisting of (a) amino acids and (b) polyamines.

~~Subj DC~~ 69. (new) The method of claim 71, wherein said amino acids, ~~said polyamines, or a combination thereof are added to at least one of the one or more nutrient media.~~

*Subj C23* 70. (new) A method for producing one or more taxanes in high yields in cell culture of a *Taxus* species comprising: cultivating in suspension culture, in one or more nutrient media under growth and product formation conditions, cells of a *Taxus* species derived from callus or suspension cultures, and recovering said one or more taxanes from said cells, said medium of said cell culture, or both, wherein cells of said *Taxus* species are cultured in the presence of controlled oxygen concentration between 10% to 100% of air saturation.

REMARKS

New claim 67 is supported in the specification as filed, at least on page 21, line 10 through page 22, line 2 and on page 22, line 21 through page 23, line 15. New claims 68 and 69 are supported in the specification as filed, at least by page 8, lines 1-7 and by page 22, lines 11-20. New claim 70 is supported in the specification as filed, at least on page 19, lines 7-25.